

Session Program

31 August 2026 to 2 September 2026



Scientific workshop on the eXTP mission

Strong field gravity

Radisson Blu Marina Palace Hotel
Linnankatu 32, 20100 Turku

Tuesday 1 September

09:00

Strong field gravity

Session | **Location:** Radisson Blu Marina Palace Hotel, Linnankatu 32, 20100 Turku

09:00–09:15 **Introducing the science case for the WG2 (Strong field gravity)**

Speaker

Qingcui Bu

09:15–09:40 **Probe the inner accretion regions around stellar-mass black holes**

Speaker

Bei You

09:40–10:05

Probing the inner regions around black holes with spectroscopy, timing and polarimetry

Speaker

Giorgio Matt

10:05–10:25

Accretion geometry of black hole X-ray binaries revealed by X-ray data

Speaker

Honghui Liu

10:25–10:40

Variability from accreting black holes across the full X-ray band

Speaker

Niek Bollemeijer

10:40

11:10

Strong field gravity

Session | **Location:** Radisson Blu Marina Palace Hotel, Linnankatu 32, 20100 Turku

11:10–11:25

The Promise of eXTP for mapping the evolution of accretion flows in X-ray Binaries

Speaker

Lian Tao

11:25–11:40

Bridging simulations and observations: advancing X-ray spectral models with GRMHD

Speaker

Swarnim Shashank

11:40–11:55

X-ray polarimetry as a tool to study compact objects

Speaker

Juri Poutanen

11:55